SEQUENCE LISTING

<110>   Sokawa, Yoshihiro
        Liu, Chih-Ping

<120>   Method of treatment using interferon-tau

<130>   55600-8013.US02

<140>   US 10/578,123
<141>   2006-05-01

<150>   PCT/US04/035804
<151>   2004-10-27

<150>   US 10/719,472
<151>   2003-11-21

<150>   US 10/698,927
<151>   2003-10-31

<160>   4

<170>   PatentIn version 3.1

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Cys Tyr Leu Ser Arg Lys Leu Met Leu Asp Ala Arg Glu Asn Leu Lys
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Leu Leu Asp Arg Met Asn Arg Leu Ser Pro His Ser Cys Leu Gln Asp

Arg Lys Asp Phe Gly Leu Pro Gln Glu Met Val Glu Gly Asp Gln Leu
        35   40   45

Gln Lys Asp Gln Ala Phe Pro Val Leu Tyr Glu Met Leu Gln Gln Ser
        50   55   60

Phe Asn Leu Phe Tyr Thr Glu His Ser Ser Ala Ala Trp Asp Thr Thr
65   70   75   80

Leu Leu Glu Gln Leu Cys Thr Gly Leu Gln Gln Gln Leu Asp His Leu
                85   90   95

Asp Thr Cys Arg Gly Gln Val Met Gly Glu Glu Asp Ser Glu Leu Gly
                100   105   110

Asn Met Asp Pro Ile Val Thr Val Lys Lys Tyr Phe Gln Gly Ile Tyr
                115   120   125

Asp Tyr Leu Gln Glu Lys Gly Tyr Ser Asp Cys Ala Trp Glu Ile Val
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Arg Val Glu Met Met Arg Ala Leu Thr Val Ser Thr Thr Leu Gln Lys
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Arg Leu Thr Lys Met Gly Gly Asp Leu Asn Ser Pro
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<210>   3
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<212>   PRT
<213>   Artificial

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<223>   recombinant IFNtau based on Ovis aries sequence

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Cys Tyr Leu Ser Glu Arg Leu Met Leu Asp Ala Arg Glu Asn Leu Lys
1   5   10   15

Leu Leu Asp Arg Met Asn Arg Leu Ser Pro His Ser Cys Leu Gln Asp
                20   25   30

Arg Lys Asp Phe Gly Leu Pro Gln Glu Met Val Glu Gly Asp Gln Leu
        35   40   45

Gln Lys Asp Gln Ala Phe Pro Val Leu Tyr Glu Met Leu Gln Gln Ser
                                2

Phe Asn Leu Phe Tyr Thr Glu His Ser Ser Ala Ala Trp Asp Thr Thr
65   70   75   80

Leu Leu Glu Gln Leu Cys Thr Gly Leu Gln Gln Gln Leu Asp His Leu
                85   90   95

Asp Thr Cys Arg Gly Gln Val Met Gly Glu Glu Asp Ser Glu Leu Gly
            100   105   110

Asn Met Asp Pro Ile Val Thr Val Lys Lys Tyr Phe Gln Gly Ile Tyr
        115   120   125

Asp Tyr Leu Gln Glu Lys Gly Tyr Ser Asp Cys Ala Trp Glu Ile Val
    130   135   140

Arg Val Glu Met Met Arg Ala Leu Thr Val Ser Thr Thr Leu Gln Lys
145   150   155   160

Arg Leu Thr Lys Met Gly Gly Asp Leu Asn Ser Pro
                165   170

<210>   4
<211>   516
<212>   DNA
<213>   Artificial

<220>
<223>   recombinant IFNtau based on Ovis aries sequence

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gaaatggttg aaggtgacca actgcaaaaa gaccaagctt tcccggtact gtatgaaatg   180

ctgcagcagt ctttcaacct gttctacact gaacattctt cggccgcttg ggacactact   240

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